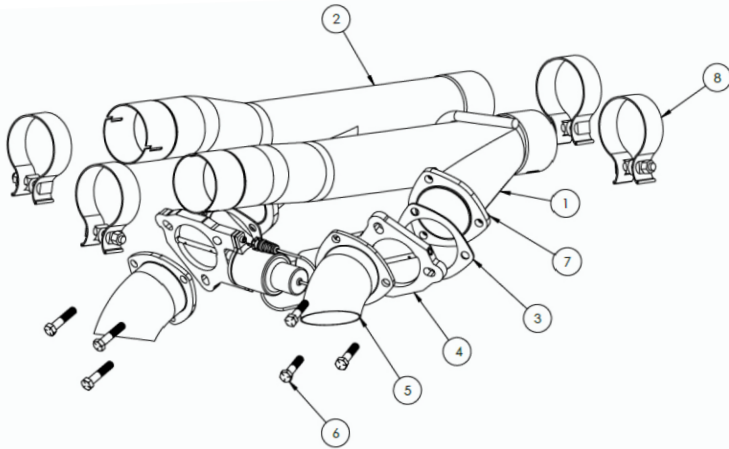


Installation Instructions
PART# 520121
2021-2023 RAM TRX 6.2L
Aggressor Cutout Pipe



Made in the USA

Caution! Never work on a hot exhaust system. Burns or other serious injuries can result. Always allow the exhaust system to cool before removal. Always consult vehicle manual for proper lifting and support guidelines. Always wear approved safety glasses when working. Serious injury or death can result if safety precautions are not followed.



ITEM NO.	DESCRIPTION	QTY.
1	RIGHT AGGRESSOR ASSEMBLY	1
2	LEFT AGGRESSOR ASSEMBLY	1
3	3.00 GASKET	2
4	3.00 IN ELECTRIC CUTOUT	2
5	3.00 UNIVERSAL TURN DOWN	2
6	3/8-16 x 1.75" HEX BOLT	6
7	3/8-16 SERRATED FLANGE NUT	6
8	3.00 TORCA ACCUSEAL CLAMP	4
9	3.00 CAP (NOT SHOWN)	2

Removal of Factory Equipment

Step 1: Raise and safely support the vehicle. Note the location of the factory tips as they may move once the exhaust has been cut. Make a mark on each tube 3" from the inlet side of the factory muffler. (Images A and B)

Step 2: Using a reciprocating saw (Sawzall or equivalent) cut the tube on the 3" mark.

Step 3: Remove the exhaust hanger bracket located towards the rear of the vehicle (Image C). This will facilitate the removal/installation of tubes during this process by being able to maneuver the mufflers towards the rear of the vehicle.

Step 4: Loosen the factory clamps and remove factory exhaust tubes (Images D and E). Note the orientation of the bends of the factory exhaust tubes, as aggressor tubes will need to be oriented in similar fashion to line up correctly. Remove ground strap that is connected to the hanger on the passenger side. Be sure to deburr where the cut was made, typically with a file.

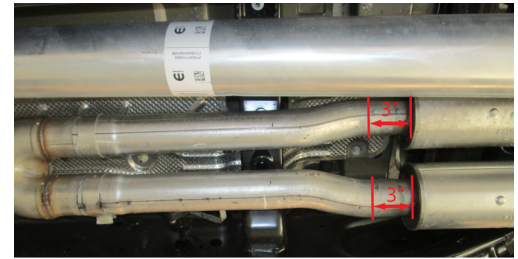


Image A

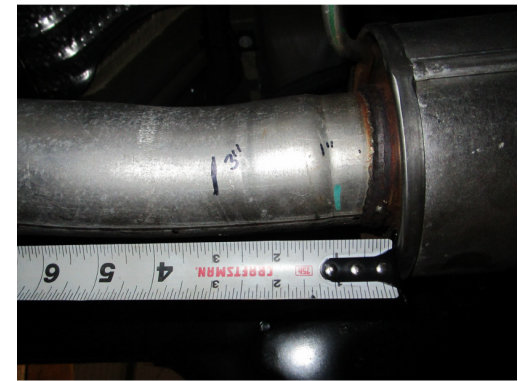


Image B

Installation of New Exhaust

Step 5: Slide a clamp onto each end of the aggressor tubes. Slip the aggressor tube into position but do not tighten the clamps yet. We found it easier to slide the tubes into the muffler side (the cut side) first, both at the same time, then maneuver the tubes up to the engine side. (Image F)



Image C



Image D

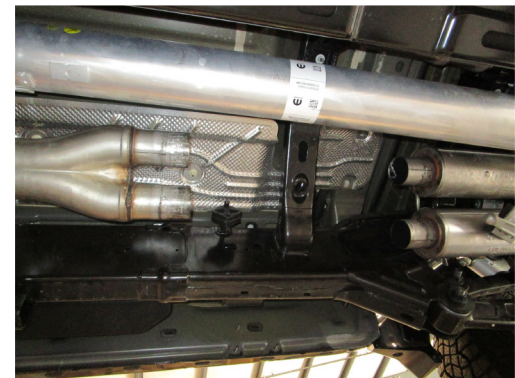


Image E

Installation of New Exhaust (con'd)

Step 6: With the aggressor pipes in place, bolt a cutout valve and turndown in place using the supplied gaskets and bolts. Refer to the diagram for orientation of the valves. Reinstall ground strap to the aggressor hanger rod.

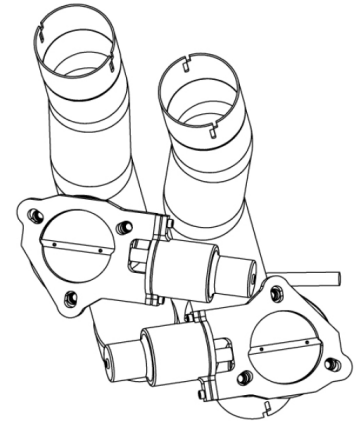
Step 7: Position the aggressor pipes so that the valves are located in a position where they have proper clearance to all suspension and frame components (Image G). Reposition the exhaust tips to stock location and tighten clamps.



Image F



Image G



Motor Orientation

Wiring the Cutouts:

Installing the Toggle Switch

- Make sure that the vehicle battery has been disconnected.
- The switch should be located in a place that is easy to access such as a center console, kick panel, etc.
- Connect the RED wire to a 12 volt source.
- Connect the BLACK wire to a good ground.
- Drill a 1/2" hole where you wish to mount the switch.
- Remove the first lock ring from the shaft of the switch.
- Install switch in the hole you just drilled.
- Slide the lock ring over the switch and tighten so that there is no play in switch.

Routing the Wire Harness

- Make sure that you have the wire oriented so that the connectors mate. They are different, so make sure you pull the proper end into the vehicle.
- Route the wire up through the underside of the car. *Be careful to ensure that that the exhaust pipes or drive shaft do not interfere with the cable.
- Route the cables into the car. You can often open up a factory drain plug in the floor pan and snake the wire through.
- Plug the cable into the toggle switch, on the connector near the motor, align and press them together and then turn the coupling ring until it locks.

Maintenance

- Check & re-torque ALL clamps after 50 miles miles of your new install.
- We recommend lubricating the butterfly plate body and shaft using a quality lubricant such as "Liquid Wrench"(tm) from Gunk. This will help prevent Carbon build up naturally generated by the exhaust system and keep the butterfly sealing properly. This should be done on a monthly basis.
- Check screws every now and then to make sure they are tight. If not reapply a red thread locker and reinstall.

Note: After initial startup a small trace of smoke may be visible from the exhaust, do not be concerned. This is from residual oils left in the tube from the manufacturing process and will disipate quickly. Quick Time Performance recomends professional installation on all of our products.

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- Shipping and handling charges are the responsibility of the end user and are not covered by warranty.
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- Leakage

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Questions

Quick Time Performance Technical Team is available Monday through Friday (9am-4pm eastern time) at (864) 913-1999 or via email at: sales@quicktimeperformance.com